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KOREAN PATENT ABSTRACTS

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(54) LIGHT INTERRUPTER**(57) Abstract:**

PURPOSE: A light interrupter is provided to perfectly prevent the damage of an optical system which can be generated by the reflection of a light by using a deflected optical divider, a deflected converting unit, and a stimulated Brillouin scattering phase conjugation mirror. CONSTITUTION: A light interrupter comprises a deflected optical divider, a deflected converting unit, and a stimulated Brillouin scattering phase conjugation mirror. The deflected optical divider depends on the deflection of an irradiated light, and reflects or passes the light. The deflected converting unit makes the deflected state before the light passes the deflected optical divider and the deflected state after the light passes the deflected optical divider perpendicular to each other. The stimulated Brillouin scattering phase conjugation mirror reflects the light which has passed the deflected converting unit.

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